



SEQUENCE LISTING

<110> Kim, Kyung Jin  
Chuntharapai, Anan  
Lu, Ji

<120> Monoclonal Antibodies to IFNAR2

<130> A-67640-1/RFT/DCF

<140> 09/166,298

<141> 1998-10-05

<150> 60/061,185

<151> 1997-10-06

<160> 26

<170> PatentIn Ver. 2.0

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 1

gacgggaaa gggaaaccga aactgaagcc

30

<210> 2

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 2

gacgggttc agtttcggtt tccctttccc

30

<210> 3

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 3

Asp Tyr Thr Asp Glu

1 5

<210> 4

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 4

Ala Tyr Thr Ala Ala

1 5

<210> 5

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 5

Glu Leu Lys Asn His

1 5

<210> 6

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 6

Ala Leu Ala Asn Ala

1 5

<210> 7

<211> 6

<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 7

Lys Pro Glu Asp Leu Lys  
1 5

<210> 8

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 8

Ala Pro Ala Ala Leu Ala  
1 5

<210> 9

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 9

Asp Leu Thr Asp Glu  
1 5

<210> 10

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 10

Ala Leu Thr Ala Ala  
1 5

<210> 11  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 11  
Arg Ser Thr His Glu  
1 5

<210> 12  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 12  
Ala Ser Thr Ala Ala  
1 5

<210> 13  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 13  
Asp Met Ser Phe Glu  
1 5

<210> 14  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 14

Ala Met Ser Phe Ala

1

5

<210> 15

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 15

Glu Glu Glu Leu Gln Phe Asp

1

5

<210> 16

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 16

Ala Ala Ala Leu Gln Phe Ala

1

5

<210> 17

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 17

Glu Glu Gln Ser Glu

1

5

<210> 18

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 18

Ala Ala Gln Ser Ala

1 5

<210> 19

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 19

Lys Lys His Lys Pro

1 5

<210> 20

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 20

Ala Ala His Ala Pro

1 5

<210> 21

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 21

Glu Ile Lys Gly Asn

1 5

<210> 22  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 22  
Ala Ile Ala Gly Asn  
1 5

<210> 23  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 23  
Glu His Ser Asp Glu Ala  
1 5

<210> 24  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 24  
Ala Ala Ser Ala Ala Gln  
1 5

<210> 25  
<211> 6152  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 25

gaattcctaa aaatagcaaa gatgcttttg agccagaatg ccttcacgt cagatcactt 60  
aatttggttc tcatggtgta tatcagcctc gtggttggtta tttcatatga ttcgcctgat 120  
tacacagatg aatcctgcac tttcaagata tcattgcgaa atttcgggtc catcttatca 180  
tggaattaa aaaaccactc cattgtacca actcactata cattgctgta tacaatcatg 240  
agtaaaccag aagatttgaa ggtggttaag aactgtgcaa ataccacaag atcattttgt 300  
gacctcacag atgagtggag aagcacacac gaggcctatg tcaccgtcct agaaggattc 360  
agcgggaaca caacgttggt cagttgctca cacaatttct ggctggccat agacatgtct 420  
tttgaaccac cagagtttga gattgttggt tttaccaacc acattaatgt gatggtgaaa 480  
tttccatcta ttgttgagga agaattacag tttgatttat ctctcgatcat tgaagaacag 540  
tcagagggaa ttgttaagaa gcataaacc gaaataaaag gaaacatgag tggaaatttc 600  
acctatatca ttgacaagtt aattccaaac acgaactact gtgtatctgt ttatttagag 660  
cacagtgatg agcaagcagt aataaagtct cccttaaaat gcaccctcct tccacctggc 720  
caggaatcag aatcagcaga atctgccgac aaaactcaca catgcccacc gtgcccagca 780  
cctgaactcc tggggggacc gtcagtcttc ctcttcccc caaaacccaa ggacaccctc 840  
atgatctccc ggaccctga ggtcacatgc gtggtggtgg acgtgagcca cgaagaccct 900  
gaggtcaagt tcaactggta cgtggacggc gtggaggtgc ataatgcca gacaaagccg 960  
cgggaggagc agtacaacag cacgtaccga gtggtcagcg tcctcacgt cctgcaccag 1020  
gactggctga atggcaagga gtacaagtgc aaggctctcca acaaagccct cccagcccc 1080  
atcgagaaaa ccatctccaa agccaaaggg cagccccgag aaccacaggt gtacaccctg 1140  
ccccatccc gggaagagat gaccaagaac caggtcagcc tgacctgcct ggtcaaaggc 1200  
ttctatccca gcgacatcgc cgtggagtgg gagagcaatg ggcagccgga gaacaactac 1260  
aagaccacgc ctcccggtgt ggactccgac ggctccttct tcctctacag caagctcacc 1320  
gtggacaaga gcaggtggca gcaggggaac gtcttctcat gctccgtgat gcatgaggct 1380  
ctgcacaacc actacacgca gaagagcctc tcctgtctc cggtgaaatg agtgcgacgg 1440  
ccctagagtc gacctgcaga agcttagaac cgagggggccg ccatggccca acttgtttat 1500  
tgcagcttat aatggttaca aataaagcaa tagcatcaca aatttcacaa ataaagcatt 1560  
tttttcaactg cattctagtt gtggtttgtc caaactcacc aatgtatctt atcatgtctg 1620  
gatcgatcgg gaattaattc ggcgcagcac catggcctga aataacctct gaaagaggaa 1680  
cttggttagg taccttctga ggcggaaaga accagctgtg gaatgtgtgt cagttagggt 1740  
gtggaaagtc cccaggctcc ccagcaggca gaagtatgca aagcatgcat ctcaattagt 1800  
cagcaaccag gtgtggaaag tccccaggct cccagcagg cagaagtatg caaagcatgc 1860  
atctcaatta gtcagcaacc atagtccgc ccctaactcc gcccatcccg ccctaactc 1920  
cgcccagttc cgcccattct ccgcccctatg gctgactaat tttttttatt tatgcagagg 1980  
ccgaggccgc ctccggcctct gagctattcc agaagtagtg aggaggcttt tttggaggcc 2040  
taggcttttg caaaaagctg ttaacagctt ggcactggcc gtcgttttac aacgtcgtga 2100  
ctgggaaac cctggcgtta cccaacttaa tcgccttgca gcacatcccc ccttcgccag 2160  
ctggcgtaat agcgaagagg cccgcaccga tcgcccttcc caacagttgc gtacgctgaa 2220  
tggcgaatgg cgcctgatgc ggtattttct ccttacgcat ctgtgcggtta tttcacaccg 2280  
catacgtcaa agcaaccata gtacgcgcc tgtagcggcg cattaagcgc ggcgggtgtg 2340  
gtggttacgc gcagcgtgac cgctacactt gccagcgccc tagcggccgc tccttctgct 2400  
ttcttccctt cctttctcgc cacgttcgcc ggctttcccc gtcaagctct aaatcggggg 2460  
ctccctttag ggttccgatt tagtgcttta cggcacctcg accccaaaaa acttgatttg 2520  
ggtgatggtt cacgtagtgg gccatcgccc tgatagacgg tttttcgccc tttgacgttg 2580  
gagtcacagt tctttaatag tggactcttg ttccaaactg gaacaacact caaccctatc 2640  
tcgggctatt cttttgattt ataagggtt ttgccgattt cggcctattg gttaaaaaat 2700  
gagctgattt aacaaaaatt taacgcgaat tttaacaaaa tattaacgtt tacaatttta 2760  
tggtgcaact tcagtacaat ctgctctgat gccgcatagt taagccaact ccgctatcgc 2820



tacgtgactg ggtcatggct gcgccccgac acccgccaac acccgctgac gcgccctgac 2880  
 gggcttgtct gctcccggca tccgcttaca gacaagctgt gaccgtctcc gggagctgca 2940  
 tgtgtcagag gttttcacccg tcatcaccca aacgcgcgag gcagtattct tgaagacgaa 3000  
 agggcctcgt gatacgcccta tttttatagg ttaatgtcat gataataatg gtttcttaga 3060  
 cgtcaggtgg cacttttcgg ggaaatgtgc gcggaacccc tatttgttta tttttctaaa 3120  
 tacattcaaa tatgtatccg ctcacgagac aataaccctg ataaatgctt caataatatt 3180  
 gaaaaaggaa gagtatgagt attcaacatt tccgtgtcgc ccttatccccc ttttttgccg 3240  
 cattttgcct tcctgttttt gctcaccag aaacgctggg gaaagtataa gatgctgaag 3300  
 atcagttggg tgcacgagt gggtacatcg aactggatct caacagcggg aagatccttg 3360  
 agagttttcg ccccgaagaa cgttttccaa tgatgagcac ttttaaagtt ctgctatgtg 3420  
 gcgcggtatt atccccgtgat gacgcggggc aagagcaact cggtcgcccgc atacactatt 3480  
 ctcagaatga cttggttgag tactcaccag tcacagaaaa gcatcttacg gatggcatga 3540  
 cagtaagaga attatgcagt gctgccataa ccatgagtga taacactgcg gccaaacttac 3600  
 ttctgacaac gatcggagga ccgaaggagc taaccgcttt tttgcacaac atggggggatc 3660  
 atgtaactcg ccttgatcgt tgggaaccgg agctgaatga agccatacca aacgacgagc 3720  
 gtgacaccac gatgccagca gcaatggcaa caacgttgcg caaactatta actggcgaac 3780  
 tacttactct agcttcccgg caacaattaa tagactggat ggagggcgat aaagttgcag 3840  
 gaccacttct gcgctcggcc cttccggctg gctggtttat tgctgataaa tctggagccg 3900  
 gtgagcgtgg gtctcgcggt atcattgcag cactggggcc agatggtaag ccctcccgtg 3960  
 tcgtagttat ctacacgacg gggagtcagg caactatgga tgaacgaaat agacagatcg 4020  
 ctgagatagg tgcctcactg attaagcatt ggtaactgtc agaccaagtt tactcatata 4080  
 tacttttagat tgatttaaaa cttcattttt aatttaaaag gatctagggtg aagatccttt 4140  
 ttgataatct catgaccaa atcccttaac gtgagttttc gttccactga gcgtcagacc 4200  
 ccgtagaaaa gatcaaagga tcttcttgag atcctttttt tctgcgcgta atctgctgct 4260  
 tgcaaacaaa aaaaccaccg ctaccagcgg tggtttggtt gccggatcaa gagctaccaa 4320  
 ctctttttcc gaaggtaact ggcttcagca gagcgcagat accaaatact gtccttctag 4380  
 tgtagccgta gttaggccac cacttcaaga actctgtagc accgcctaca tacctcgtc 4440  
 tgctaactct gttaccagt gctgctgcca gtggcgataa gtcgtgtctt accgggttg 4500  
 actcaagacg atagttaccg gataaggcgc agcggtcggg ctgaacgggg ggttcgtgca 4560  
 cacagcccag cttggagcga acgacctaca ccgaactgag atacctacag cgtgagcatt 4620  
 gagaaagcgc cacgcttccc gaaggagaa aggcggacag gtatccggtg agcggcaggg 4680  
 tcggaacagg agagcgcacg agggagcttc cagggggaaa cgcttggtat ctttatagtc 4740  
 ctgtcgggtt tcgccacctc tgacttgagc gtgatTTTT gtgatgctcg tcaggggggc 4800  
 ggagcctatg gaaaaacgcc agcaacgcgg cttttttacg gttcctggcc ttttgctggc 4860  
 cttttgctca catgttcttt cctgcgttat cccctgattc tgtggataac cgtattaccg 4920  
 cttttgagt agctgatacc gctcgcgcga gccgaacgac cgagcgcagc gagtacgtga 4980  
 gcgaggaagc ggaagagcgc ccaatacgca aaccgcctct ccccgcgctg tggccgattc 5040  
 attaataccag ctggcacgac aggtttcccg actggaaagc gggcagtgag cgcaacgcaa 5100  
 ttaatgtgag ttacctcact cattaggcac ccaggtctt acactttatg cttccggctc 5160  
 gtatgttggt tggaattgtg agcggataac aatttcacac aggaacagc tatgaccatg 5220  
 attacgaatt aattcgagct cgcgcgacat tgattattga ctagttatta atagtaatca 5280  
 attacggggg cattagttca tagcccatat atggagttcc gcgttacata acttacggta 5340  
 aatggcccg cttggctgacc gcccaacgac ccccgcccat tgacgtcaat aatgacgtat 5400  
 gttcccatag taacgccaat agggactttc cattgacgtc aatgggtgga gtatttacgg 5460  
 taaactgcc acttggcagt acatcaagtg tatcatatgc caagtacgcc ccctattgac 5520  
 gtcaatgacg gtaaatggcc cgcctggcat tatgccagc acatgacctt atgggacttt 5580  
 cctacttggc agtacatcta cgtattagtc atcgtatata ccatggtgat gcggttttg 5640  
 cagtacatca atgggcgtgg atagcgggtt gactcacggg gatttccaag tctccacccc 5700

attgacgtca atgggagttt gttttggcac caaaatcaac gggactttcc aaaatgtcgt 5760  
aacaactccg ccccatgtac gcaaattgggc ggtaggcgtg tacggtggga ggtctatata 5820  
agcagagctc gtttagtgaa ccgtcagatc gcctggagac gccatccacg ctgttttgac 5880  
ctccatagaa gacaccggga ccgatccagc ctccgcggcc gggaacggtg cattggaacg 5940  
cggattcccc gtgccaagag tgacgtaagt accgcctata gagtctatag gccaccccc 6000  
ttggctcgtt agaacgcggc tacaattaat acataacctt atgtatcata cacatacgat 6060  
ttaggtgaca ctatagaata acatccactt tgcctttctc tccacaggtg tccactccca 6120  
ggtccaactg caggccatgg cggccatcga tt 6152

<210> 26

<211> 443

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 26

Ile Ser Tyr Asp Ser Pro Asp Tyr Thr Asp Glu Ser Cys Thr Phe Lys  
1 5 10 15

Ile Ser Leu Arg Asn Phe Arg Ser Ile Leu Ser Trp Glu Leu Lys Asn  
20 25 30

His Ser Ile Val Pro Thr His Tyr Thr Leu Leu Tyr Thr Ile Met Ser  
35 40 45

Lys Pro Glu Asp Leu Lys Val Val Lys Asn Cys Ala Asn Thr Thr Arg  
50 55 60

Ser Phe Cys Asp Leu Thr Asp Glu Trp Arg Ser Thr His Glu Ala Tyr  
65 70 75 80

Val Thr Val Leu Glu Gly Phe Ser Gly Asn Thr Thr Leu Phe Ser Cys  
85 90 95

Ser His Asn Phe Trp Leu Ala Ile Asp Met Ser Phe Glu Pro Pro Glu  
100 105 110

Phe Glu Ile Val Gly Phe Thr Asn His Ile Asn Val Met Val Lys Phe  
115 120 125

Pro Ser Ile Val Glu Glu Glu Leu Gln Phe Asp Leu Ser Leu Val Ile  
130 135 140

Glu Glu Gln Ser Glu Gly Ile Val Lys Lys His Lys Pro Glu Ile Lys  
145 150 155 160

Gly Asn Met Ser Gly Asn Phe Thr Tyr Ile Ile Asp Lys Leu Ile Pro  
165 170 175

Asn Thr Asn Tyr Cys Val Ser Val Tyr Leu Glu His Ser Asp Glu Gln  
180 185 190

Ala Val Ile Lys Ser Pro Leu Lys Cys Thr Leu Leu Pro Pro Gly Gln  
195 200 205

Glu Ser Glu Ser Ala Glu Ser Ala Asp Lys Thr His Thr Cys Pro Pro  
210 215 220

Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro  
225 230 235 240

Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr  
245 250 255

Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn  
260 265 270

Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg  
275 280 285

Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val  
290 295 300

Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser  
305 310 315 320

Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys  
325 330 335

Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu  
340 345 350

Glu Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe  
355 360 365

Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu  
370 375 380

Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe  
385 390 395 400

Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly  
405 410 415

Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr  
420 425 430

Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys  
435 440

h

\_\_\_\_\_